

2021 Dicamba Application Guidance for Xtendimax, Engenia, and Tavium

*This information is only supplemental guidance to the agricultural community. It is not a substitute for law or rule. All those applying the following products must be certified. Consult labels of products before use. **We want to thank you for all your efforts in control of these products.** Please contact Chad Hayes with the Tennessee Department of Agriculture Ag Inputs Section at 615-837-5339 or chad.hayes@tn.gov if you have questions. **We are here to partner with you in education and effort.***

- Downwind buffers have increased to 240 ft. from 110 ft. Applicators must now maintain a 240 ft. downwind buffer during application.
- In counties where endangered or threatened species exist, a 310 ft. downwind buffer must be maintained along with a 57 ft. buffer on all other sides of the field. Consult <http://www.epa.gov/espp/> for complete details.
- Over-the-top applications of dicamba for soybeans are prohibited after June 30.
- Applications of Xtendimax are prohibited after R1 or June 30, whichever comes first.
- Applications of Tavium in soybeans can only be made through V4 or up to June 30, whichever comes first.
- Over-the-top applications of dicamba for cotton are prohibited after July 30.
- Applications of Tavium in cotton can only be made through 6-leaf or up to July 30, whichever comes first.
- Per Tennessee state rule, only Engenia, Xtendimax, and Tavium can be applied between May 15-October 1 for cotton and soybean production, including burndown. Refer to labels for federal cutoff dates for cotton (July 30) and soybeans (June 30).
- An approved pH buffering adjuvant must be tank mixed with every dicamba application and must be documented on records.
- Use only EPA approved nozzles and tank mix partners for Engenia, Xtendimax, and Tavium. Consult label and product(s) website for a complete list of approved nozzles and tank mix partners.
- **DO NOT** tank mix products containing ammonium salts such as ammonium sulfate and urea ammonium nitrate.
- If you question the pH of your water prior to an application, contact your county UT Extension Agent. They have pH meters that can check the pH of your water or tank mix.
- Applicators must document/record that they checked an applicable sensitive crop/specialty crop registry (<https://fieldwatch.com>) and document that they surveyed all neighboring fields for any sensitive/specialty crops surrounding the field prior to application.
- Applications of Engenia, Xtendimax, and Tavium may begin one hour after sunrise and must end two hours before sunset.
- Avoid spraying into temperature inversions.
- **DO NOT APPLY** Engenia, Xtendimax, and Tavium if rain that could exceed soil field capacity and result in runoff is expected within 24 hours after application.
- **DO NOT APPLY** when wind is blowing toward neighboring sensitive crops or residential areas.
- **DO NOT APPLY** Engenia, Xtendimax, and Tavium if wind speed is less than 3 mph or over 10 mph.
- Minimum application rate of 15 gallons per acre (GPA)
- Boom height can be no more than 24" above target plants or crop canopy.
- Application ground speed must not exceed 15 mph.
- Applicators must document that they followed the correct spray system clean-out procedures outlined in the label before and after an application.
- Specific records must be kept for each application in each field. Refer to the recordkeeping requirements on the Engenia, Xtendimax, and Tavium labels. Records must be generated within 72 hours after application and applicators must keep records for two years.
- Must have a current Commercial or Private Applicator certification to purchase and apply Restricted Use Pesticide products.
- Dicamba-specific training is required to be taken by all applicators through UT Extension or an approved product manufacturer prior to applying Engenia, Xtendimax, and Tavium.